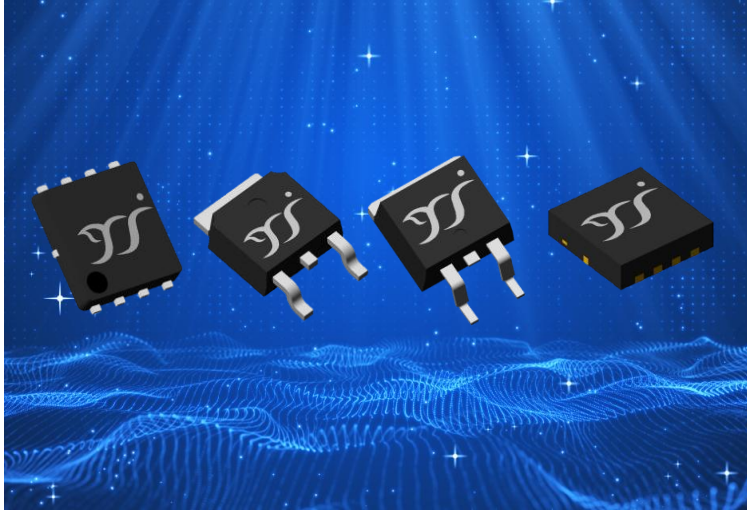


新品发布

# 用于汽车电子的N100V MOSFET新品

产品特点



## 产品介绍

扬杰科技近日推出了一系列用于汽车电子的N100V SGT MOSFET产品，产品采用特殊优化的SGT技术，具有较低的导通电阻 $R_{ds(on)}$ 和栅极电荷 $Q_g$ ，明显降低导通和开关损耗，可以支持更高频率与动态响应。

- 1.产品采用优化的SGT技术, 产品内阻低, 开关特性优;
- 2.产品采用PDFN5060、TO-252、TO-263、DFN3333等封装, 适用于车载大功率应用;
- 3.产品具有UIS能力强,  $Q_g$ 与 $R_{ds}$ 参数更优的特点。

产品规格书详见官网

Product Name	Package	Vds (V)	ID (A)	Vth (V) typ.	Rds10V (mohm) typ.	Rds10V (mohm) max.	Qg10V (nC) typ.	Tj (°C)	N/P
YJG017G10AHQ	PDFN5060	100	40	1.8	13	17	19.8	-55-175	N
YJD017G10AHQ	TO-252	100	42	1.8	13	17	19.8	-55-175	N
YJQ018G10AHQ	DFN3333	100	40	1.8	13.5	18	19.8	-55-175	N
YJGD018G10AHQ	PDFN5060-Dual	100	40	1.8	14	18	19.8	-55-175	N
YJGD033G10AQ	PDFN5060-Dual	100	20	1.7	24	33	12.7	-55-175	N
YJB011G10AQ	TO-263	100	56	1.7	8.5	11	29.8	-55-175	N



DC-DC



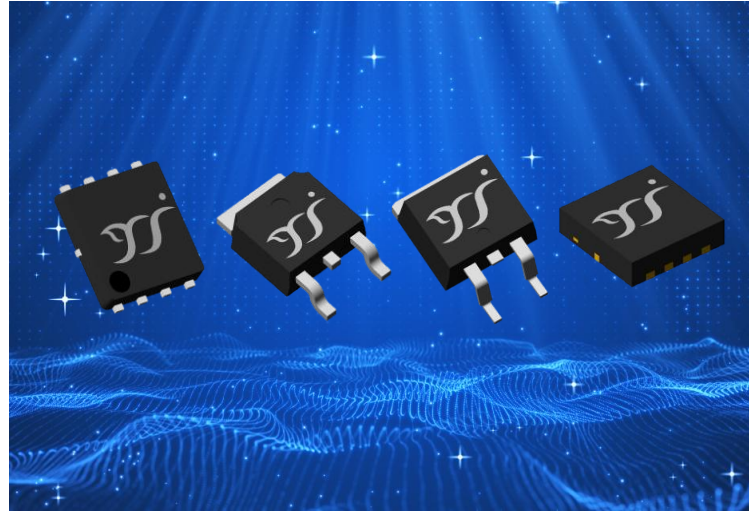
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典型应用

新品发布

NEW  
PRODUCT

# N100V MOSFET for Automotive Electronic Applications



## Product Introduction

Yangjie technology recently launched a series of N100V MOSFET products for automotive Electronic, products using specially optimized SGT technology, with low  $R_{ds(on)}$  and  $Q_g$ , significantly reducing forward voltage drop and switching losses, can support higher frequencies and dynamic response.

New Product Launch

1. The product utilizes optimized SGT technology, featuring low on-resistance and excellent switching performance.
2. It is available in packages such as PDFN5060, TO-252, TO-263 and DFN3333, making it suitable for high-power automotive applications.
3. It has the characteristics of strong UIS capability, better  $Q_g$  and  $R_{ds}$  parameters.

Please refer to the official website for more details

Product Name	Package	Vds (V)	ID (A)	Vth (V) typ.	Rds10V (mohm) typ.	Rds10V (mohm) max.	Qg10V (nC) typ.	Tj (°C)	N/P
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Product  
Features



DC-DC



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Typical  
Applica-  
-tions